| Index of Claims | | | | | | | |
|-----------------|--|--|--|--|--|--|--|
| | | | | | | | |
| | | | | | | | |

| Application No. | Applicant(s) | |
|-----------------|-----------------|--|
| 10/723,561 | BARBER, JAMES R | |
| Examiner | Art Unit . | |
| Michael Trettel | 3673 | |

| Rejected | _ | (Through nu Cancelle |
|----------|---|-------------------------|
| Allowed | ÷ | Restricte |

| _ | (Through numeral) Cancelled | N | N |
|---|--------------------------------|---|----|
| ÷ | Restricted | - | lr |

| Z | Non-Elected | • |
|---|--------------|---|
| ı | Interference | • |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | | | | | | | | ŧ | | | _ |
|--------------|----------------------------|----------|----------|--|--------------|----------|----------|----------|----------|----------|----|
| | | | | | | | | | | | |
| Cla | im | | | | | Date | } | , | | | |
| Final | Original | 11/23/04 | | | | | | | | | |
| | 1 2 3 4 5 6 | 7 7 7 | | | | \dashv | | | | | |
| | 2 | 1 | | | | İ | | | | | i |
| | 3 | V | | | | \Box | | | | | |
| | 4 | 1 | | | | \Box | | \neg | | | |
| | 5 | 1 | | \vdash | | | | | _ | _ | |
| | 6 | V | | \vdash | _ | | | \dashv | \dashv | _ | |
| | 7 | 0 | _ | \vdash | | | | | | | ١. |
| \vdash | | | | \vdash | H | | | \neg | | | i |
| | 8 | 0 | | | \vdash | | - | _ | | | |
| | 10 | Ì | | | ┢ | \vdash | _ | \dashv | - | | l |
| | 11 | 0 | | - | ┢ | H | | - | | _ | l |
| | 12 | 0 | | \vdash | \vdash | Н | | | \dashv | - | |
| — | 11 12 13 | 0 | - | - | \vdash | Н | | \dashv | - | | |
| - | 14 | 7 | | | \vdash | Н | _ | \dashv | - | | l |
| | 15 | | | ┝╌ | - | | | | \vdash | | |
| | 15 16 | 0 | | ├- | ⊢ | - | | | | | ı |
| | 17 | | | - | ⊢ | | | | | | |
| | 18 | J | - | ├ | ╁ | \vdash | _ | _ | | _ | l |
| \vdash | 10 | 1 | \vdash | \vdash | ┢ | - | - | - | | _ | l |
| | 17 18 19 20 | V V V | - | H | - | \vdash | - | | | _ | l |
| | 21 | | - | ├ | ⊢ | H | | _ | | | ł |
| - | 22 | 0 | - | \vdash | ┢ | \vdash | _ | | | | ł |
| | 22 23 | | ┢ | ┢ | ╁ | ┢ | | _ | | | ł |
| | 24 | 0 1 | - | ┢ | ╁ | | - | _ | - | | l |
| - | 24 25 26 | ij | - | H | ┢ | - | <u> </u> | | | \vdash | ł |
| \vdash | 26 | Ì | | | H | | _ | - | | \vdash | 1 |
| | 27 | ò | <u> </u> | ┢ | \vdash | \vdash | | - | | | 1 |
| | 27 28 29 | 0 | _ | | 1 | H | | | | | 1 |
| | 29 | V | | | | Г | | | | | 1 |
| \vdash | 30 | 7 7 7 | | <u> </u> | \vdash | - | | | \vdash | _ | 1 |
| | 30 31 | 1 | | <u> </u> | \vdash | | | | <u> </u> | _ | 1 |
| - | 32 | Ì | \vdash | | _ | ╁ | \vdash | | | | 1 |
| | 33 | 1 | T | | \vdash | T | | | | | i |
| | 34 | V | ┪ | T | T | T | - | | | _ | 1 |
| | 35 | Ì | \vdash | H | T | \vdash | \vdash | | | Н | 1 |
| | 36 | = | Т | 1 | Т | \vdash | Ī | | | | 1 |
| | 37 | = | Г | | | Ι_ | | | | Γ | 1 |
| | 38 | = | | Ι_ | T | Г | Ī | | | | 1 |
| | 38 39 | = | Г | Τ | T- | Ī | | | Г | Г | 1 |
| | 40 | = | | | | | | | | |] |
| | 41 | 1 | | Π | Γ | | | | | | |
| | 42 | 0 | | | | | | | | | |
| | 43 | 0 | | | | <u> </u> | | | | · | |
| | 44 | Г | | | | | | | | | |
| | 45 | | | | | | | | | | |
| | 46 | | | | | | | | | |] |
| | 47 | | | | | | | | | | |
| | 48 | | 匚 | L | | | | | | | 1 |
| | 49 | | \Box | | | 匚 | L | 匚 | Ĺ | | |
| | 50 | | 1 | 1 | 1 | 1 | I | I | 1 | l | 1 |

| Cla | im | | | | | Date | ; | | | |
|-----------|----------------|-----------|--|--------------|--|----------------|--------------|--------------|--------------|--|
| | | | | | | | | | | |
| 75 | Original | | | | | | ļ | | | |
| Final | .g | | | | | | | | | |
| - | Ō | | | | | | | | | |
| \vdash | 51 | - | \dashv | | | H | - | | | |
| \vdash | 51 52 | \dashv | | | \vdash | H | - | | | _ |
| \vdash | 52 | | - | | | $\vdash\vdash$ | \dashv | | | _ |
| | 53 | \dashv | - | | \vdash | Н | \dashv | | \dashv | |
| - | 53 54 55 | | | | \vdash | Н | \vdash | _ | - | |
| \vdash | 56 | - | | | - | Н | \vdash | - | | |
| | 56 | | _ | | _ | | | - | | |
| \vdash | 57 | _ | | <u> </u> | <u> </u> | Ш | | | | |
| | 58 59 | | | <u> </u> | <u> </u> | Щ | Ш | \square | _ | |
| \square | 59 | _ļ | | | <u> </u> | Щ | | Ш | | _ |
| | 60 | _ | | | L. | | | | \Box | |
| | 61 62 | | | | | L., | | | | |
| | 62 | | | L | | <u></u> | | | | |
| | 63 l | | | | _ | | | | | |
| | 64 65 | | | | L | | | | | |
| | 65 | | | | | | | | | |
| | 66 | | | | | | | | | |
| | 67 | | | | | | | | | |
| | 68 | \neg | | | Г | | П | | | |
| | 69 | T | | \vdash | ऻ | Г | Г | | | |
| | 70 | \neg | | | H | Т | \vdash | | П | |
| | 71 | \dashv | | \vdash | | \vdash | \vdash | \vdash | | - |
| | 72 | \exists | | \vdash | | | \vdash | Н | \vdash | |
| - | 72 73 | \dashv | - | | \vdash | \vdash | - | | | \vdash |
| | 74 | \dashv | | ┰ | \vdash | 1 | \vdash | - | \vdash | - |
| - | 74 75 | \dashv | | ⊢ | 1 | | \vdash | \vdash | | \vdash |
| | 76 | - | | - | | \vdash | ┢╌ | \vdash | \vdash | \vdash |
| | 77 | \dashv | | - | | - | - | \vdash | \vdash | |
| - | 76 77 78 | = | | ├ | - | | - | \vdash | \vdash | - |
| - | 70 | Н | | ├ | \vdash | \vdash | | \vdash | - | _ |
| \vdash | 79 | \vdash | | ├— | \vdash | \vdash | _ | \vdash | \vdash | _ |
| \vdash | 80 81 | \vdash | _ | \vdash | <u> </u> | <u> </u> | ├ | <u> </u> | <u> </u> | <u> </u> |
| | 81 | | _ | <u> </u> | - | \vdash | \vdash | <u> </u> | | <u> </u> |
| <u> </u> | 82 | | <u> </u> | | <u> </u> | \vdash | <u> </u> | <u> </u> | | <u> </u> |
| <u> </u> | 83 | Щ | <u> </u> | <u> </u> | <u> </u> | ┞ | <u> </u> | ├_ | <u> </u> | \vdash |
| ļ | 84 | Щ | L_ | | Ь. | _ | | <u> </u> | | ⊢ |
| <u></u> | 85 | | | L | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> |
| <u></u> | 86 | | | <u> </u> | ļ | ऻ_ | _ | <u> </u> | <u> </u> | <u> </u> |
| | 87 | | _ | | <u> </u> | <u>Ļ</u> | <u> </u> | | <u> </u> | <u> </u> |
| | 88 | | | <u> </u> | <u> </u> | _ | <u> </u> | _ | _ | oxdot |
| | 89 | | L_ | | _ | $oxed{oxed}$ | | <u> </u> | | |
| | 90 | | | L | | | L | L | | L |
| | 91 | | | L | | | L | | | Ĺ |
| | 92 | | L | | | | L | L | | Ĺ |
| | 93 | | | | | | | | | |
| | 94 | | | Г | | Π | | | | |
| | 95 | | | Г | | | Γ | Π | | <u> </u> |
| | 96 | П | | П | Π | П | I^- | Γ | П | Γ |
| | 97 | | | T | 1 | T | t | | | |
| | 98 | \vdash | | t | | t | 1 | \vdash | Т | T |
| | 99 | Н | | \vdash | T | † | T | T | <u> </u> | Г |
| | 100 | _ | ┢ | t | 1 | 1 | t- | \vdash | 1 | |

| _ | 1 | ! | | | | | | | | |
|--------------|---|----------|----------|--|--|--|--------------|----------|-----------|----------|
| CI: | aim | _ | _ | | _ | ate | _ | | | \neg |
| | | \vdash | | | ┪ | -310 | Ĺ | | | \dashv |
| a | Original | | | | | | | | | |
| Final | rigi | | | | 1 | | | | | |
| _ | 0 | | | | | | | | | |
| | 101 | | _ | | | | | | \exists | \neg |
| | 101 102 | | | | | | | | | \neg |
| | 103 104 105 | | | | | | | | | T |
| | 104 | | | | | | | | | ヿ |
| | 105 | | | | _ | | | | | ヿ |
| | 106 | | | | | | | | | \Box |
| | 107 | | | | | | | | | |
| | 108 | | | | | | | | | |
| | 109 | | | | | | | | | |
| | 110 | _ | | | | | | | | _ |
| | 111 | | _ | | | | | | | \dashv |
| | 106 107 108 109 110 111 112 113 | <u> </u> | <u> </u> | _ | L | L | <u> </u> | _ | Ш | \perp |
| | 113 | ļ | _ | <u> </u> | L | | Ь. | _ | | Ш |
| | 114 115 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | - | | \vdash | |
| | 115 | | | ⊢ | <u> </u> | <u> </u> | - | \vdash | | \dashv |
| | 116 | ├ | <u> </u> | ├— | ├ | H | ⊢ | H | _ | \dashv |
| | 117 118 | | | | <u> </u> | ├— | ⊢ | - | | \vdash |
| <u> </u> | 110 | ┢ | | | _ | | H | | | - |
| | 120 | ├ | ⊢ | ⊢ | ├ | | ₩ | | - | \dashv |
| | 119 120 121 | ╁ | \vdash | | ┝ | - | | \vdash | | \dashv |
| | 122 | ╁ | - | ┢ | \vdash | - | | | - | \dashv |
| | 123 | <u> </u> | Ι. | \vdash | | \vdash | | \vdash | - | \dashv |
| | 122 123 124 125 126 127 128 129 130 131 132 | | | \vdash | | T | Г | | | П |
| | 125 | | | Г | Г | | | | | |
| _ | 126 | | | | Г | | | | | |
| | 127 | | | | | | | | | |
| | 128 | | | | | | | | | |
| | 129 | _ | | | 乚 | | $oxed{oxed}$ | | | Ш |
| <u> </u> | 130 | L | L | <u> </u> | | | ļ | | | Ш |
| <u> </u> | 131 | | _ | _ | Ь. | <u> </u> | L | L_ | <u> </u> | Ц |
| | 132 | _ | _ | ㄴ | | <u> </u> | 乚 | | | |
| | 133 134 | <u> </u> | ╙ | <u> </u> | _ | _ | ┡ | _ | _ | Щ |
| <u> </u> | 134 | _ | <u> </u> | | <u> </u> | ┞ | <u> </u> | ⊢ | <u> </u> | _ |
| <u> </u> | 135 | _ | ├- | — | ├- | - | ├ | ├ | ⊢ | Н |
| | 136 137 | | ├- | ┢ | | ┢ | Ͱ | - | - | \vdash |
| | 137 | - | <u> </u> | | ├- | ├ | - | ⊢ | ⊢ | \vdash |
| | 138 139 | ╁ | - | ├ | ├- | ├ | ┢ | ├ | ├ | Н |
| | 140 | +- | ╁ | | + | ┢ | ┢ | ┢ | - | H |
| <u> </u> | 141 | \vdash | \vdash | | t^{-} | t- | \vdash | 1 | | H |
| | 142 | \vdash | \vdash | | \vdash | | 1 | H | \vdash | H |
| | 143 | H | \vdash | \vdash | 1 | t | 1 | 1 | \vdash | H |
| | 144 | t | T | T | \vdash | T | | T | | H |
| | 145 | t^- | T | T | | Г | T | T | Т | П |
| | 146 | T | T | Т | Г | Π | | 1 | Г | \Box |
| | 147 | Τ | Τ | Ī | | | Ι | | | |
| | 148 | | | | L | | | | | |
| | 149 | | \Box | | | | | | | |
| | 150 | | | | | 匚 | | | | |
| | | | | | | | | | | |